IN THE UN	NATO STA	TES PATE	NT AN	D TRADEMARI	KATICE .	PATENT APP	LICATION,
			)	Group Art Ur	nit 1752	Opl	752\$
Inventor(s): LAWTON				Examiner:	C. Hamilton	, , ,	,
Appln. No.: 09 48° Series Code ↑ Series	1.654			Atty. Dkt.	P <u>263288</u> <b>M#</b>	D1017 Client Ref	
Filed: January 11, 2000	priving /c)	4		Appln. Title:	PHOTOHARDE	NABLE EPOX	Υ
Hon. Commissioner of Patents	, 5 5005	&n \ 			COMPOSITION	DECE	IN/Er
Washington, D.C. 20231	JL 1 3 -	<u>[</u> 5]					_  V   L
Circ	, ch	J .				JUL 2	2 2002
Sir:  REPLY/AMENDMENT/LETTER			Date:	July 15, 2002			
					•	TC 1	700
This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject							
which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.							
•	EE REQUIR	REMENTS FO	OR CL	AIMS AS AMENI	DED		
1. Small Entity claim							
A. NOT made For B & C See Required	Claims	Highest nun		Present Extra	Large/Small Entity	Additional	Fee Code
C. made herewith Separate Paper	emaining after amendment	previously pa	lia for			Fee	Lg/Sm
D. made previously (Pat-256)							
0.7.4.15%-13-00-3-3-3	, ,	++	77	0	Φ4.0./ΦO	. 00	102/202
<ul><li>2. Total Effective Claims</li><li>3. Independent Claims</li><li>9</li></ul>	7	**minus ***minus	77 8	0	x \$18/\$9 = x \$84/\$42 =	+ \$0 + \$84	103/203
4. If amendment enters proper multiple			•	olication for first	X \$04/\$42 -	T \$04	102/202
time (leave <u>blank</u> if this is a <u>reissue</u> application)						+ \$0	104/204
5. Original due Date: July 26, 2002							
6. <b>Petition is hereby made</b> to extend the original due (1 mo) \$110/\$55 =							115/215
date to cover the date this response is filed for which the (2 mos) \$400/\$200 = +\$0							116/216 117/217
requisite fee is attached (3 mos) \$920/\$460 = (4 mos) \$1,440/\$720=							118/218
(4 mos)   \$1,440/\$720=   (5 mos)   \$1,960/\$980=							128/228
					- \$0		
8. Extension Fee						+ \$0	
9. If <u>Terminal Disclaimer</u> attached, <u>add</u> Rule 20(d) official fee						+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c),					+ \$180	+ \$0	126 126
or if Rule 97(d) Request add					+ \$180		146/246
11. After-Final Request Fee per rules 129(a) and 17(r)					+ \$740/370 x \$740/370 ea	+ \$0 + \$0	149/249
13. Request for Continued Examination (RCE) + \$740/370						+ \$0	1179/1279
14. Petition fee for						+ \$0	
15. TOTAL FEE =						\$84	
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".						PLEASE C	HARGE
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.  18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.							ACCT
Our Deposit Account No. 03-3975)							
(Our Order No. <u>21028</u> <u>263288</u> <u></u>							
CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be							
filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a							
duplicate copy of this sheet is attached.							
This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet filed.					Guery. 15 appear deading flow: 11		
Pillsbury Winthrop LLP							eparately.
	Intellectual Property Group						
1600 Tysons Boulevard	By Atty:	Paul L. Sha	•		Reg. No.	36004	
McLean, VA 22102	Ciar	1	1-	11	<del></del> .	(702) 005 (	2500
Tel: (703) 905-2000	Sig:	1-100	1		Fax:	(703) 905-2 ( <b>703) 905-2</b>	
					. 01.	(. 55) 550°A	

Atty/Sec: PLS/wdw

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re REISSUE PATENT APPLICATION of

LAWTON et al.

Group Art Unit: 1752

Appln. No.: 09/481,654

Examiner: C. Hamilton

Filed: January 11, 2000

FOR: PHOTOHARDENABLE EPOXY COMPOSITION

17 24

July 15, 2002

## **AMENDMENT**

RECEIVED

Hon. Commissioner of Patents Washington, D.C. 20231

JUL 2 2 2002

TC 1700

Sir:

In response to the Office Action dated April 26, 2002, please consider the following amendments and remarks regarding the above-identified application.

## **IN THE CLAIMS:**

Please amend the claims as follows:

1. (Amended) In an improved photohardenable composition composed of a cationically polymerizable and free radical polymerizable organic substance, a [photogenerated] photo-generating acid precursor, a sensitizer for the [photo-generated] photogenerating acid precursor and a free radical polymerization initiator wherein the improvement comprises:

a) a mixture of photopolymerizable resins consisting essentially of

at least two epoxy resins [one of which polymerizes], said at least two epoxy resins including a first epoxy resin polymerizing at a slower rate and [has a] having a higher neat viscosity than at least one other epoxy resin present, [and the] said first epoxy resin[s] [are] being present at a concentration in the mixture of from 5 to 25% by weight, and

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